

# इंटरनेट

# मानक

## Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5850 (1970): Star (triangular) cutters for use in foundries [MTD 14: Foundry]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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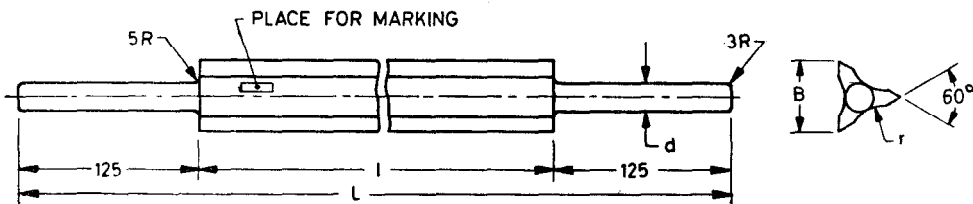


Indian Standard

SPECIFICATION FOR

STAR (TRIANGULAR) CUTTERS FOR USE IN FOUNDRIES

1. **Scope**—The requirements for star cutters for use in foundries. Star cutters are used as mould and core trimming tool.
2. **Dimensions**



All dimensions in millimetres.

<i>L</i>	<i>l</i>	<i>B</i>	<i>d</i>	<i>r</i>
650	400	32	12	16
750	500	40	16	20
880	630	50	20	25

3. **Material**—Tool steel T80, IS : 3749-1966 ‘Specification for tool and die steels for cold work’.
4. **Hardness**—At the cutting edges: 50 to 55 HRC.
5. **Tolerances**—IT14, IS : 919-1963 ‘Recommendations for limits and fits for engineering (revised)’.
6. **Freedom from Defects**—Heat-treated surfaces shall be free from rust, cracks, burrs, sharp edges, scales, etc.
7. **Marking**—The cutter shall be marked with the following:

a) Trade-mark or name of manufacturer.

b) *Designation*—The cutter shall be designated by the overall length and the number of this specification.

Example: Star cutter 650—IS:5850 indicates a star cutter with overall length of 650 mm.
- 7.1 **ISI Certification Marking**—Details available from the Indian Standards Institution, New Delhi I.
8. **Packing**—The cutters shall be coated with protective oil, and packed in wooden boxes, weighing not more than 50 kg overall.
- 8.1 Boxes shall bear the information mentioned in 7 and number of pieces.
9. **Supply**—In accordance with IS : 1387-1967 ‘General requirements for the supply of metallurgical materials (first revision)’.

Foundry Sectional Committee, SMDC 17 [Ref: Doc: SMDC 17 (1188)]

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